



BAD56 series flameproof lighting is our latest updated, entitled with exclusive property right and related patents. It conforms to IEC, EN standard and 94/9/EC instruction.



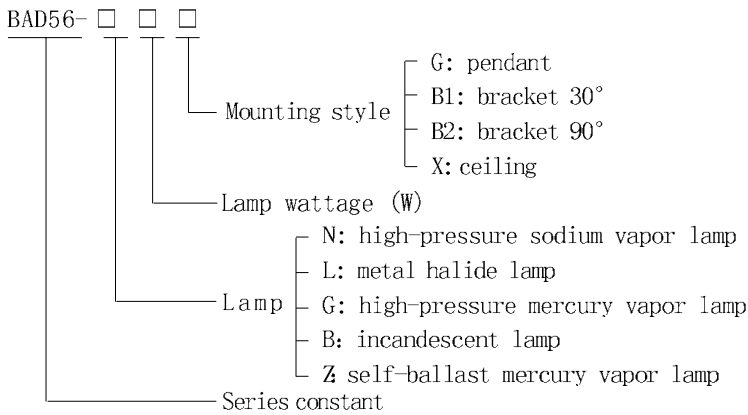
BAD56 series lighting has passed type test by PCEC and has gained PCEC certificate of conformity.

For use in hazardous area Zone 1, Zone 2 and Zone 20, Zone 21, Zone 22; IIA, IIB and IIC explosive gas atmospheres.

Typical application includes chemical and petrochemical processing facilities, off-shore and dockside installations, military industry and warehouse.



◇ Catalog number logic



◇ Features

- Housings made of die-cast aluminum alloy with semi-auto hydraulic facilities one-off formation under high temperature and high-pressure for strength and resistance to corrosion. Most compact in size and smooth in surface.
- Roboblast and Epoxy resin finish by semi-auto high-voltage electrostatic spray applied for housings, corrosion-free and exposure free.
- Spigot housings joint, resistance to water and dust.
- Toughened glass applied for transparent globe for 4J impact and over 98% light transmittance.
- Glass globe guard supplied with galvanized, epoxy resin finish for resistance to corrosion.
- All external hardware-stainless steel for resistance to corrosion.
- For use with sodium, metal halide, incandescent and mercury vapor lamps of E27 lamp holder.
- Globe and doom reflector selected for lighting requirements.
- Complete selection of mounting style.
- Both steel pipe wiring and cable wiring are available.

◇ Technical data

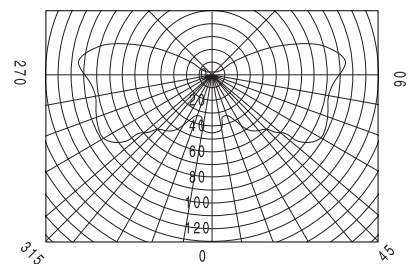
Description	Lamp wattage (W)	Power	Hub size	Cable O.D φ(mm)	Lamp holder	Marking	Protection	Corrosion Protection	Weight (kg)
BAD56-B200	Incandescent lamp/200	AC220V 50Hz	G3/4"	10~14	E27	Ex II 2G EExd II CT4	IP65	WF 1	3.6
BAD56-Z125	Self-ballast mercury vapor lamp/125								
BAD56-Z160	Self-ballast mercury vapor lamp/160								
BAD56-G80	High-pressure mercury vapor lamp/80								
BAD56-G125	High-pressure mercury vapor lamp/125								
BAD56-N70	High-pressure sodium vapor lamp/70								
BAD56-N100	High-pressure sodium vapor lamp/100								
BAD56-L70	Metal halide lamp/70								
BAD56-L100	Metal halide lamp/100								

◇ Compliances

94/9/ECinstruction
IEC 60079-0, IEC 60079-1
EN 50014, EN 50018, EN 50281-1-1
GB 3836.1-2000, GB 3836.2-2000

◇ Certificates of conformity No. :

CE031168X

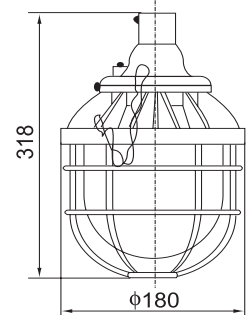


Luminous intensity distribution cd/1000lm



◇ Dimension versions

Description	Pendant (mm)	Bracket 30° (mm)		Bracket 90° (mm)		Ceiling(mm)
	A	A	A	B	A	
BAD56-B200	800	680	550	400	520	
BAD56-Z125	800	680	550	400	520	
BAD56-Z160	800	680	550	400	520	
BAD56-G80	875	820	550	500	625	
BAD56-G125	875	820	550	500	625	
BAD56-N70	875	820	550	500	625	
BAD56-N100	875	820 </td <td>550</td> <td>500</td> <td>625</td>	550	500	625	
BAD56-L70	875	820	550	500	625	
BAD56-L100	875	820	550	500	625	



Pendant 	Srl. No.	Description	Qty	Specification
	①	Explosion-proof lighting	1	BAD56-□□G(lamp is not included when ex-work).
	②	Shaft coupling	1	Included with lightings when ex-work.
	③	Pipe G3/4"	1	
	④	Explosion-proof ballast/ explosion-proof terminal box	1	Not included-must be ordered separately. BAZ51 explosion-proof ballast and BHD explosion-proof terminal box are recommended in our catalogue, please check it for details.
Remarks: All mounting fasteners are equipped by user.				
Bracket 30° 	Srl. No.	Description	Qty	Specification
	①	Explosion-proof lighting	1	BAD56-□□B1(lamp is not included when ex-work).
	②	Shaft coupling	1	Included with lightings when ex-work.
	③	Elbow G3/4"	1	
	④	CC sling	1	
	⑤	Chain	1	
	⑥	Expansion bolt	1	Not included-must be ordered separately. BAZ51 explosion-proof ballast and BHD explosion-proof terminal box are recommended in our catalogue, please check it for details.
	⑦	Explosion-proof ballast/ explosion-proof terminal box	1	
Remarks: All mounting fasteners are equipped by user.				
Bracket 90° 	Srl. No.	Description	Qty	Specification
	①	Explosion-proof lighting	1	BAD56-□□B2(lamp is not included when ex-work).
	②	Shaft coupling	1	Included with lightings when ex-work.
	③	Elbow G3/4"	1	
	④	CC sling	1	
	⑤	Chain	1	
	⑥	Expansion bolt	1	Not included-must be ordered separately. BAZ51 explosion-proof ballast and BHD explosion-proof terminal box are recommended in our catalogue, please check it for details.
	⑦	Explosion-proof ballast/ explosion-proof terminal box	1	
Remarks: All mounting fasteners are equipped by user.				

BAD56 Series Flameproof Lighting



	Srl. No.	Description	Qty	Specification
	①	Explosion-proof lighting	1	BAD- □□X (lamp is not included when ex-work).
	②	Flexible coupling	1	Included with lightings when ex-work.
	③	Explosion-proof ballast/ explosion-proof terminal box	1	Not included—must be ordered separately. BAZ51 explosion-proof ballast and BHD explosion-proof terminal box are recommended in our catalogue, please check it for details.
Remarks: All mounting fasteners are equipped by user.				

◇ Power connection and lamp installation

1. Screw the mounting box open, through the mounting box opening, cable is connected to lamp holder. Earthing bolt supplied with mounting box inside and outside. The lighting works after reliable grounding.
2. Lamp of proper power selected according to the description on nameplate. Lamp of other power is not available! Loosen hinged bolt, open transparent globe, screw the lamp into the holder, and tighten for good contact, close the globe and screw the hinged bolt tight.

◇ Accessories

Picture	Description	Ordering code	Picture	Description	Ordering code
	Mounting box	56001		Flexible coupling	51016
	Doom reflector	56002		Shaft coupling	61021
	Steel guard	56003		Expansion bolt	51017
	Glass globe	56004		Chain	51018
	E27 lamp holder	56005		CC sling	51019

◇ Ordering information

1. Select the product according to catalog number logic such as proper lamp, lamp wattage and mounting style.
2. Please note if any special requirements for power.
3. Mounting fittings and accessories should be ordered separately referred in “Accessories”.
4. Lamp is not included when ex-works. Please adopt suitable lamp, technical requirements provided for reference. PHILIPS is recommended.
5. Ordering example:
Enquiry: 100W sodium lighting, ceiling mounting, with globe and doom reflector, 220V/50Hz.
Ordering code: BAD56-N100X+56002.
6. We reserve the power of final interpretation and to make alterations to the technical data, weights, dimensions, designs and products available without notice.